



Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
 Inventors Name: LEE, F. ET AL.  
 Docket No./Application No.: 09/843,143

1/22

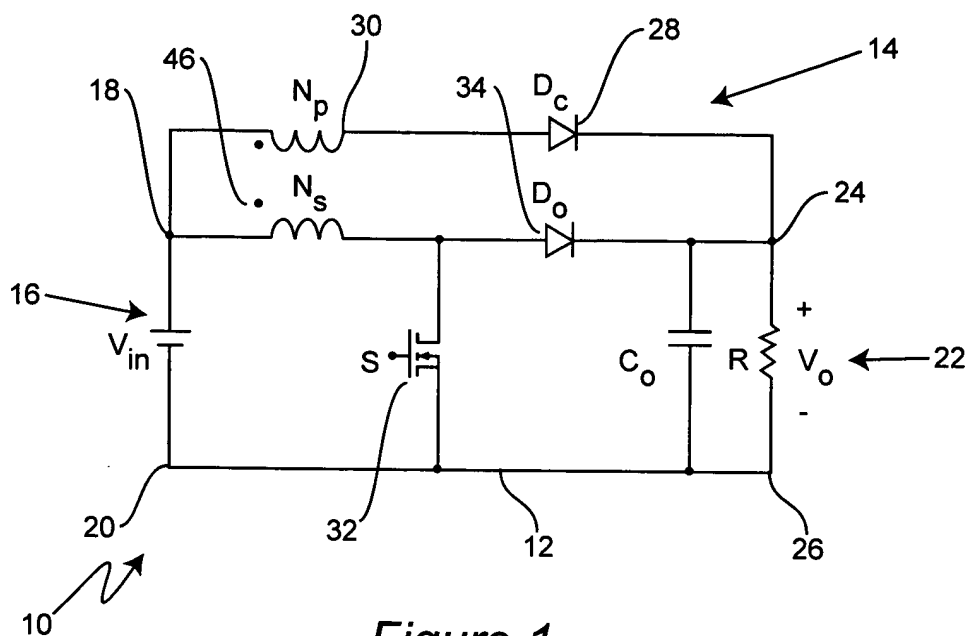


Figure 1

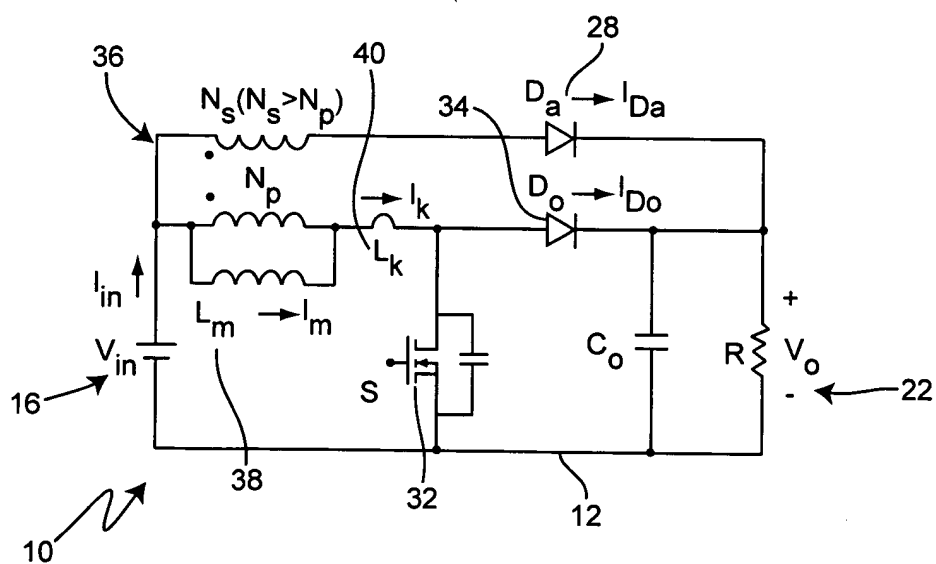


Figure 2



Title of Invention: A Simple and Effective Solution to  
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Inventors Name: LEE, F. ET AL.  
Docket No./Application No.: 09/843,143

2/22

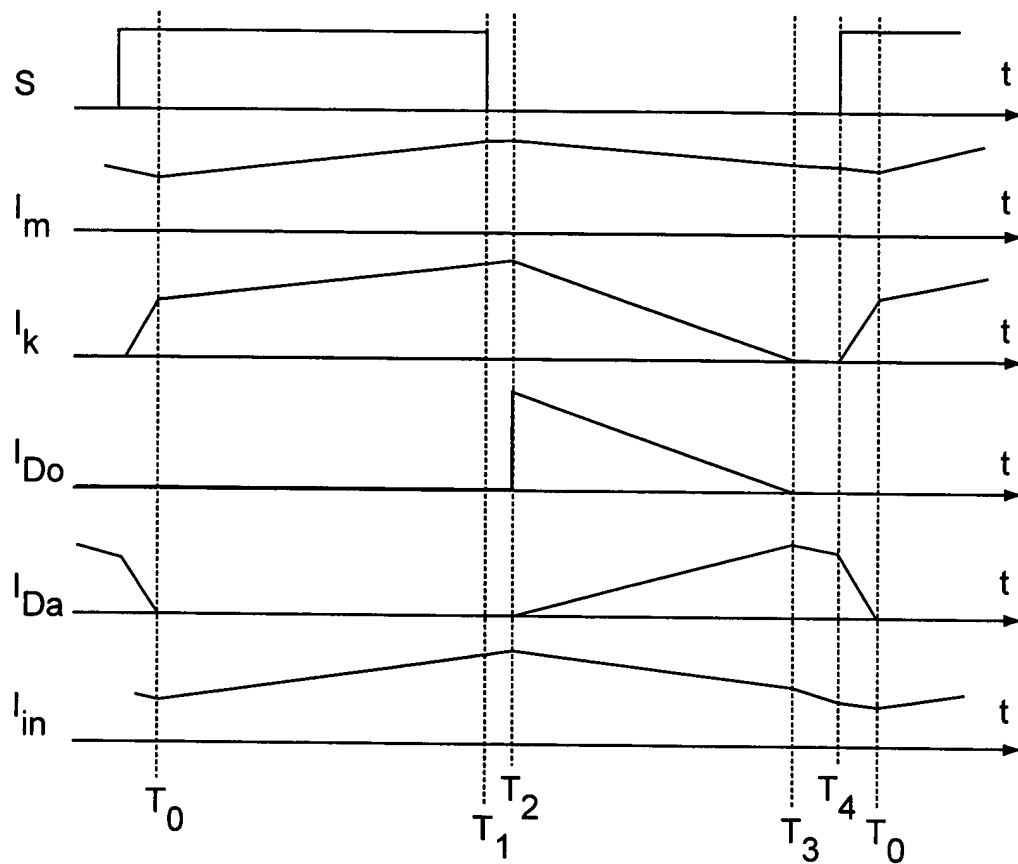
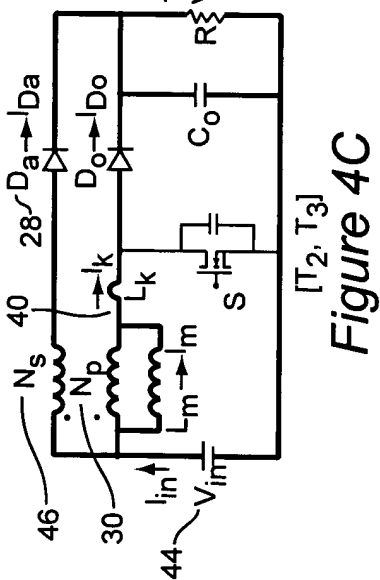
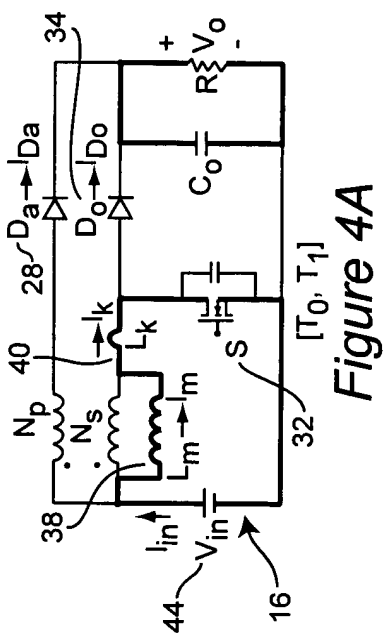
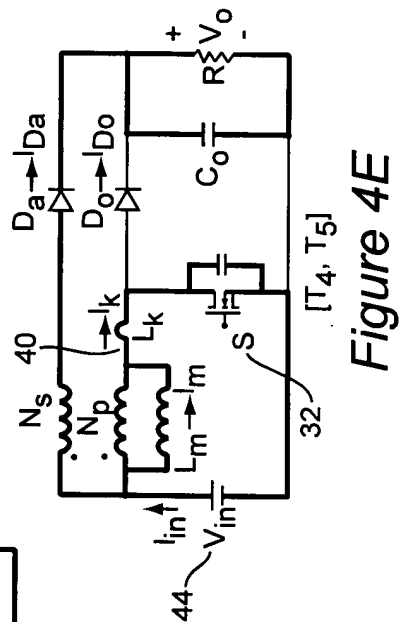
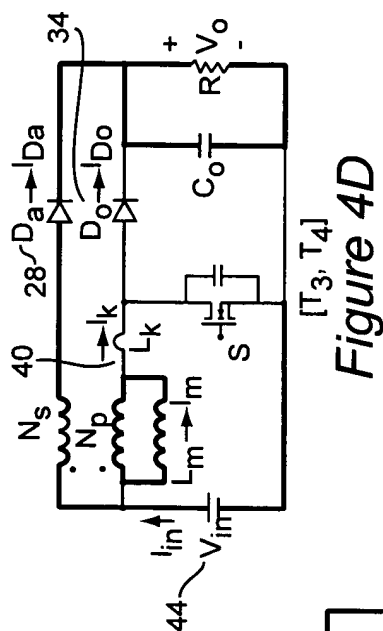
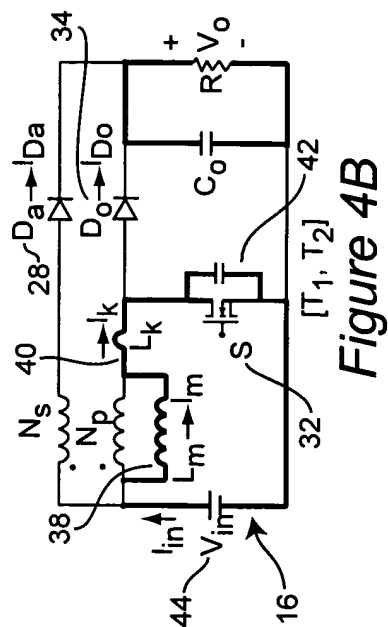


Figure 3



Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
 Inventors Name: LEE, F. ET AL.  
 Docket No./Application No.: 09/843,143

3/22





Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
 Inventors Name: LEE, F. ET AL.  
 Docket No./Application No.: 09/843,143

4/22

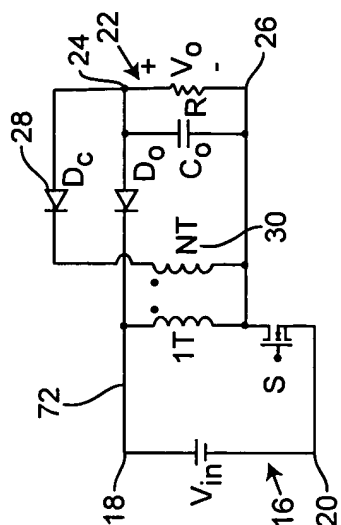


Figure 5C

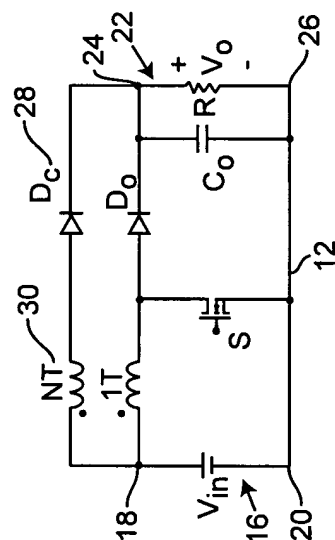


Figure 5B

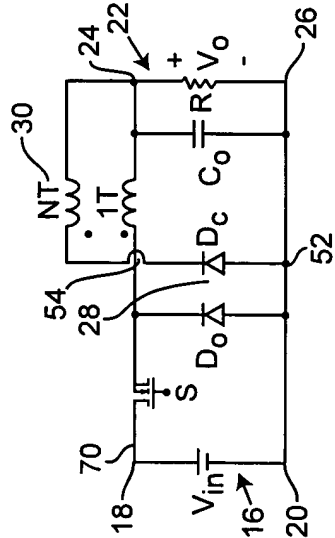


Figure 5A

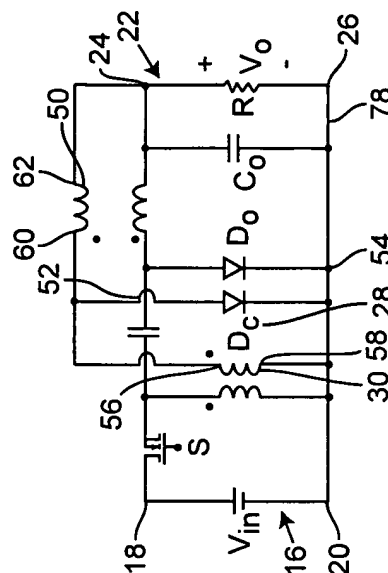


Figure 5F

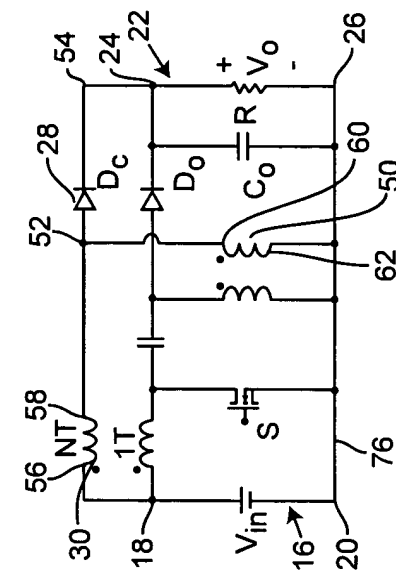


Figure 5E

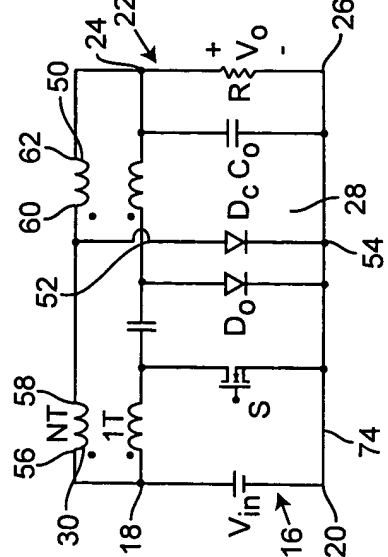


Figure 5D



Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
Inventors Name: LEE, F. ET AL.  
Docket No./Application No.: 09/843,143

5/22

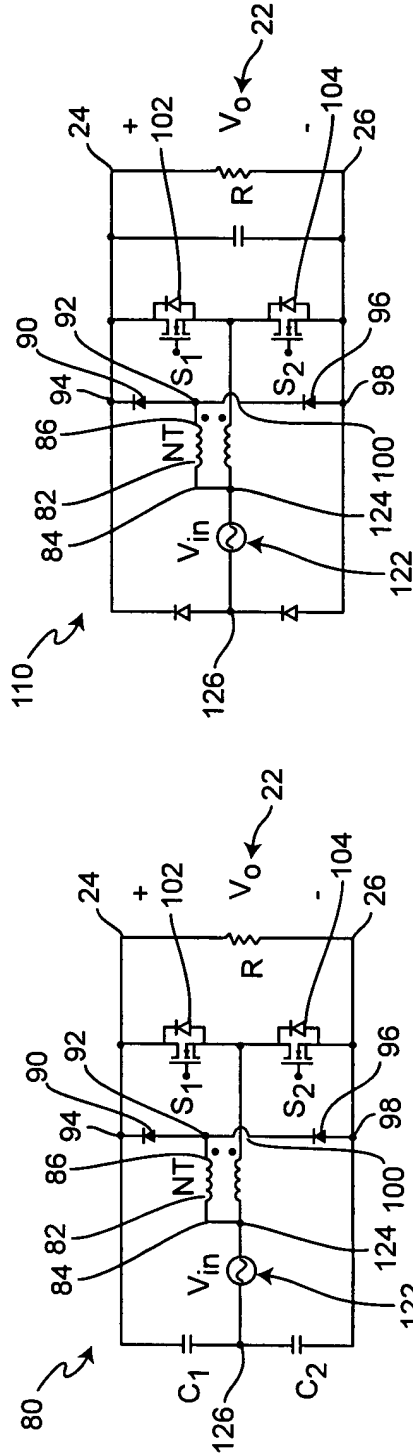


Figure 6B

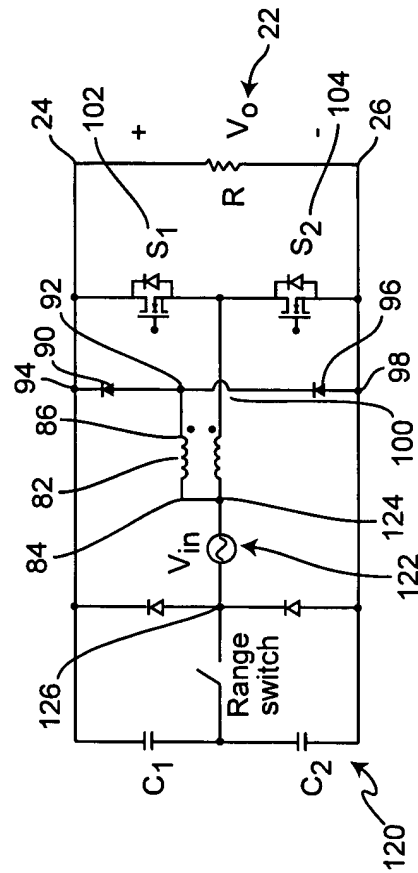


Figure 6C



Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
 Inventors Name: LEE, F. ET AL.  
 Docket No./Application No.: 09/843,143

6/22

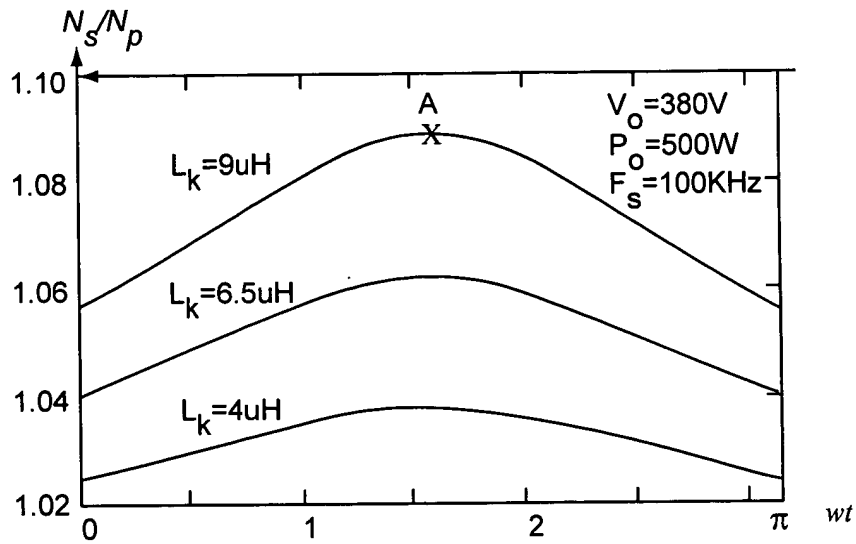


Figure 7

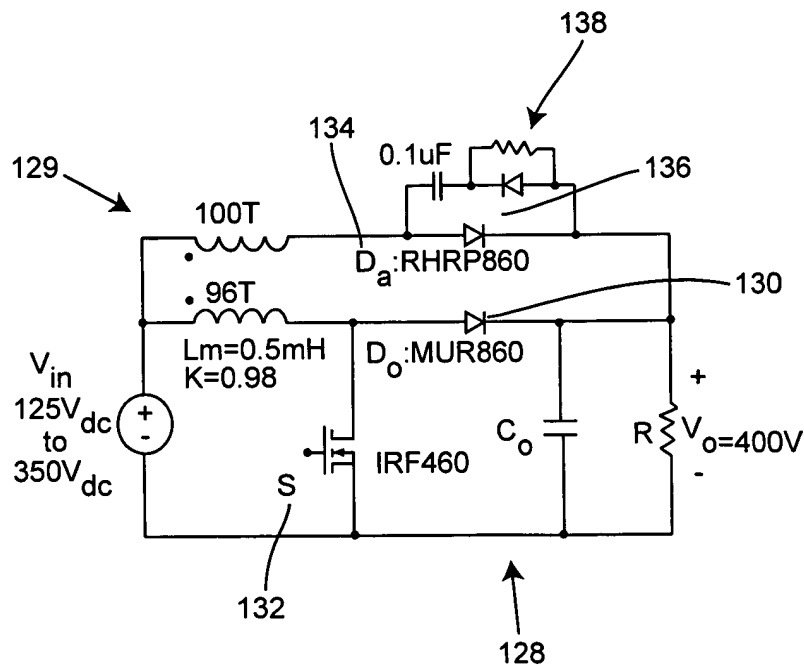


Figure 8



Title of Invention: A Simple and Effective Solution to  
Rectifier Recovery Problems  
Inventors Name: LEE, F. ET AL.  
Docket No./Application No.: 09/843,143

7/22

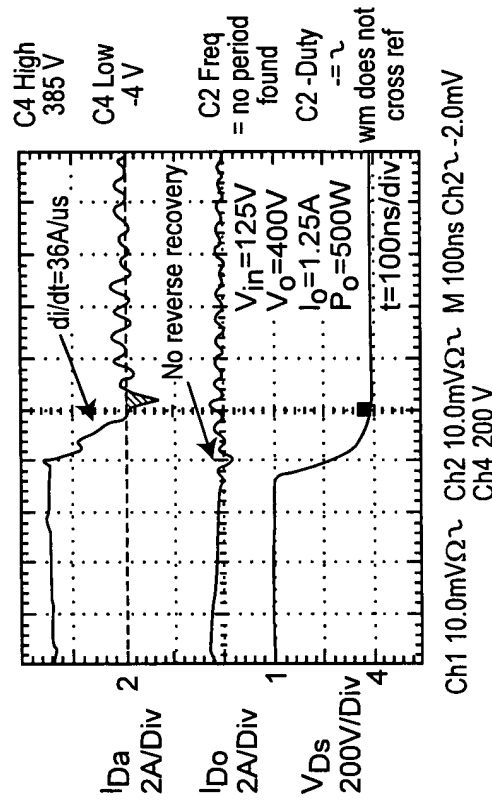


Figure 9B

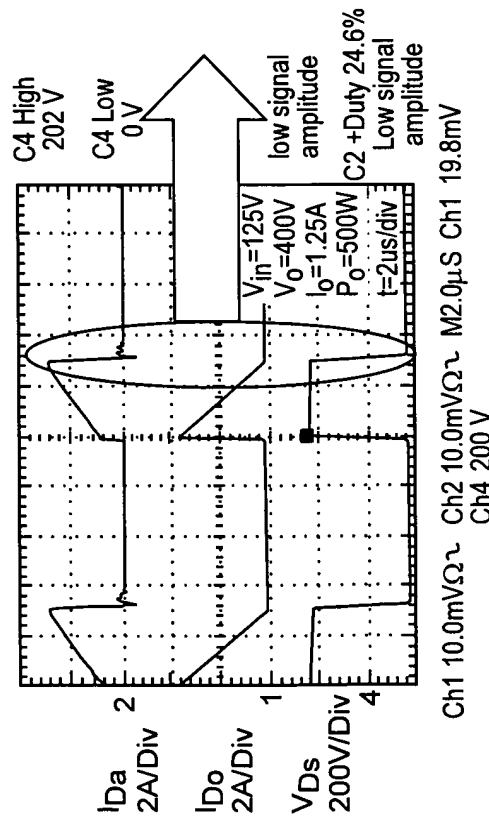


Figure 9A



Title of Invention: A Simple and Effective Solution to  
Rectifier Recovery Problems  
Inventors Name: LEE, F. ET AL.  
Docket No./Application No.: 09/843,143

8/22

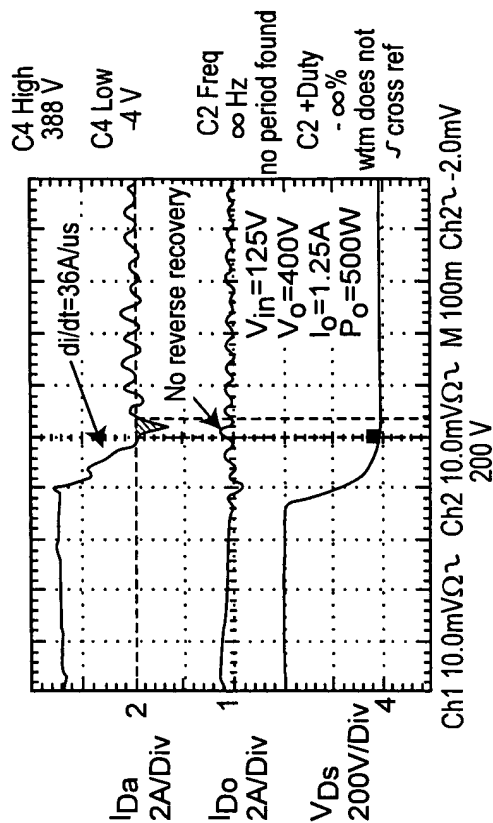


Figure 10B

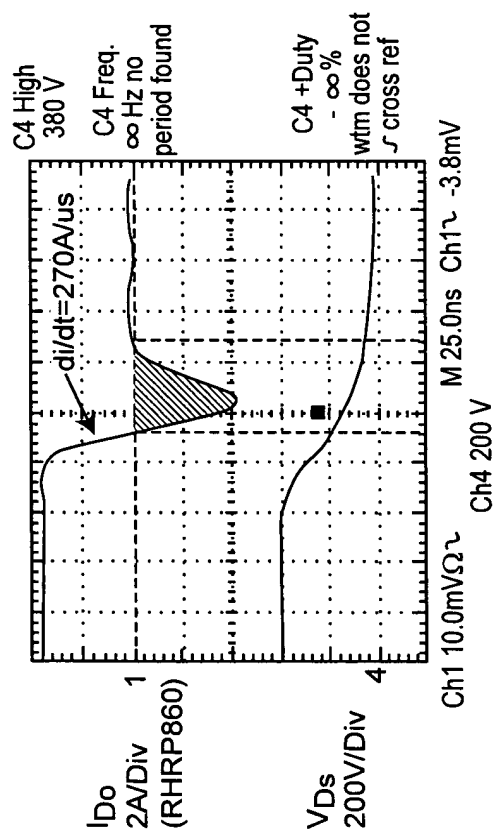


Figure 10A  
(PRIOR ART)





Title of Invention: A Simple and Effective Solution to  
Rectifier Recovery Problems  
Inventors Name: LEE, F. ET AL.  
Docket No./Application No.: 09/843,143

9/22

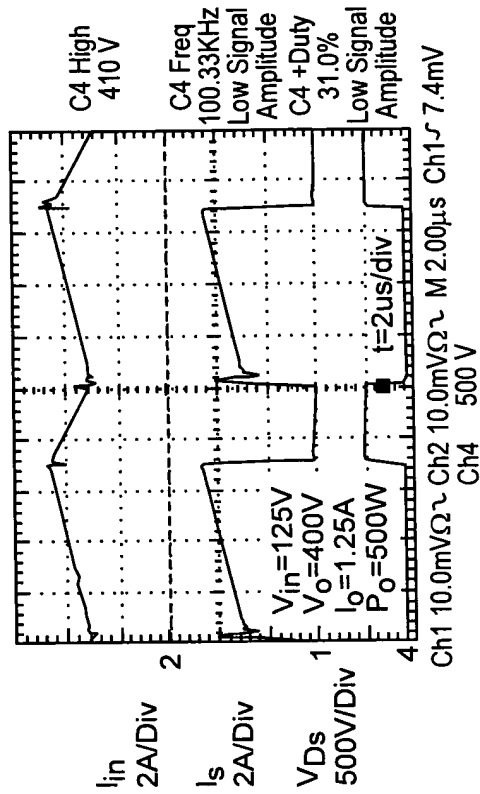


Figure 12

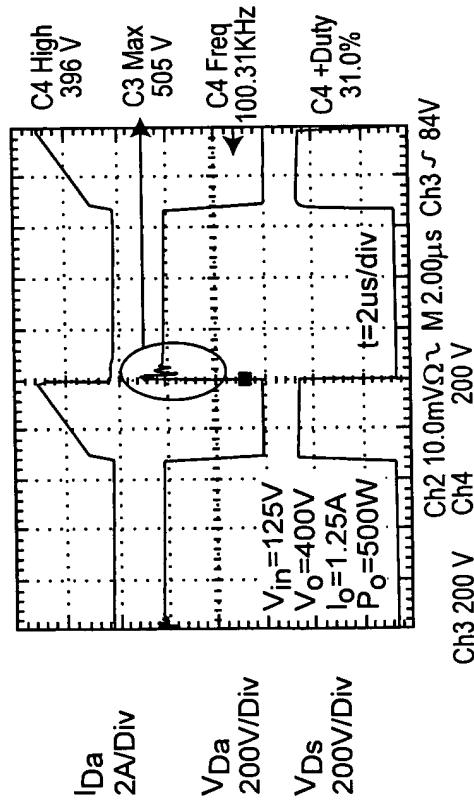


Figure 11



Title of Invention: A Simple and Effective Solution to  
Rectifier Recovery Problems  
Inventors Name: LEE, F. ET AL.  
Docket No./Application No.: 09/843,143

10/22

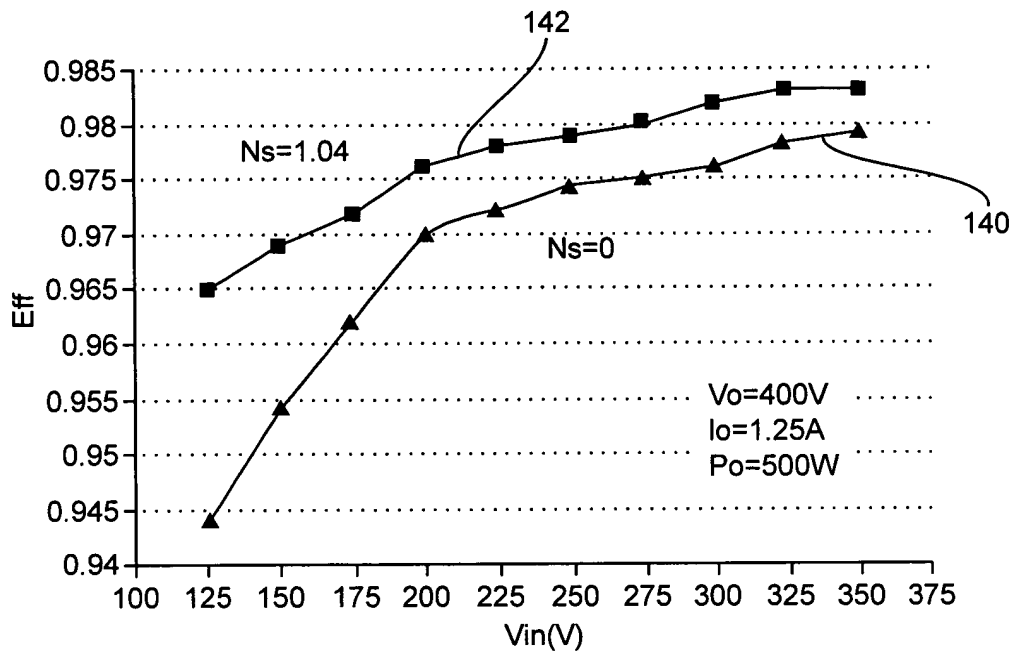


Figure 13

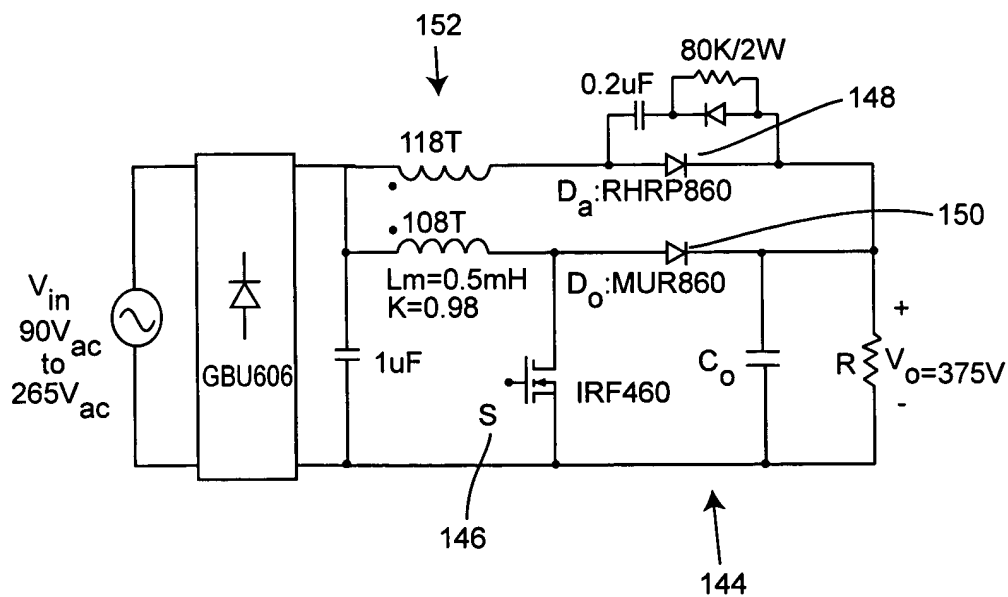
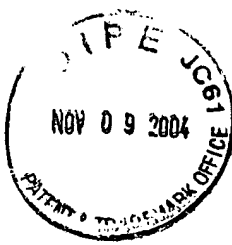


Figure 14



Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
Inventors Name: LEE, F. ET AL.  
Docket No./Application No.: 09/843,143

11/22

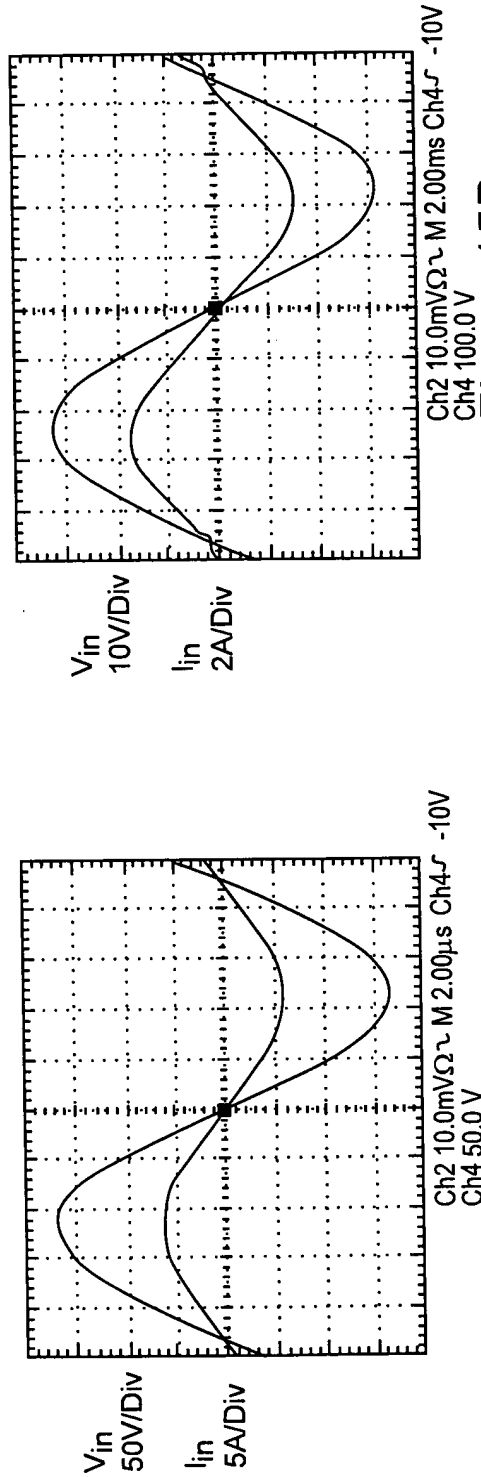
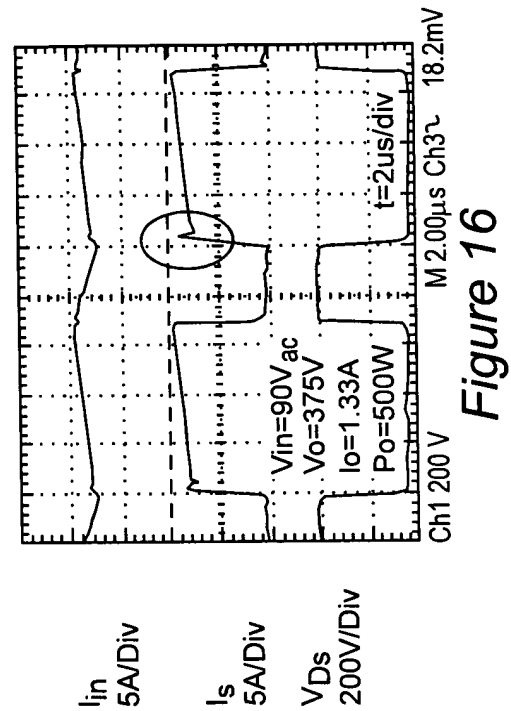
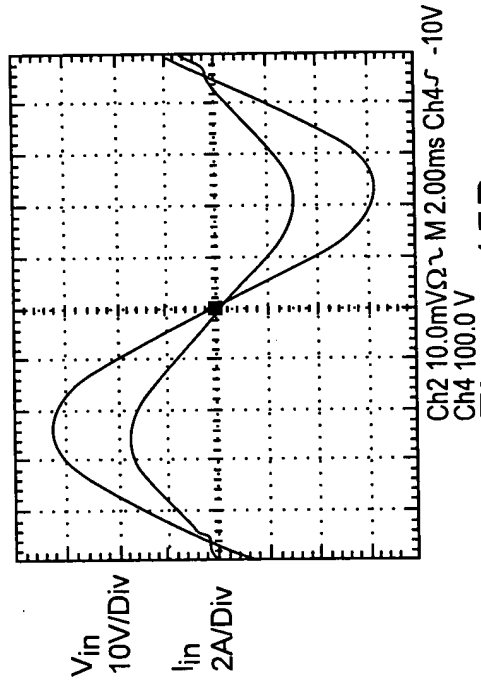


Figure 15B





Title of Invention: A Simple and Effective Solution to  
Rectifier Recovery Problems  
Inventors Name: LEE, F. ET AL.  
Docket No./Application No.: 09/843,143

12/22

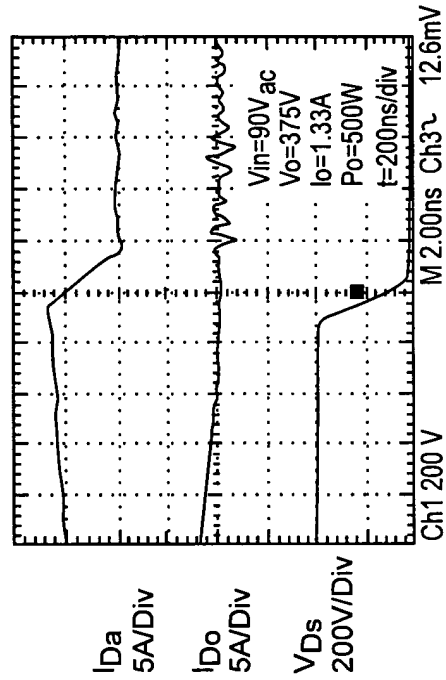


Figure 17B

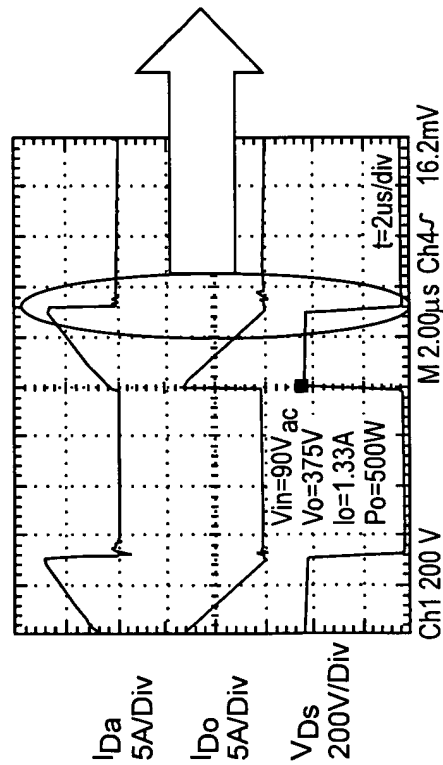


Figure 17A



Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems

Inventors Name: LEE, F. ET AL.

Docket No./Application No.: 09/843,143

13/22

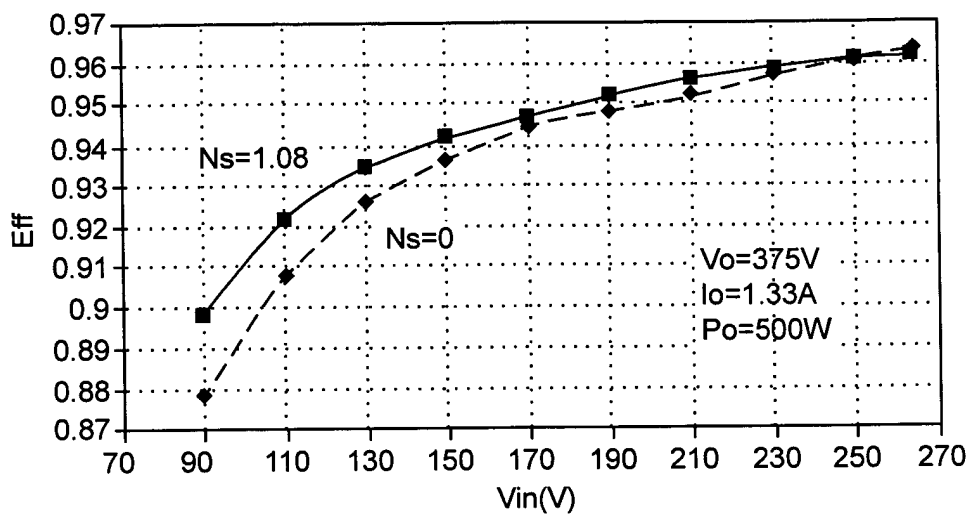


Figure 18

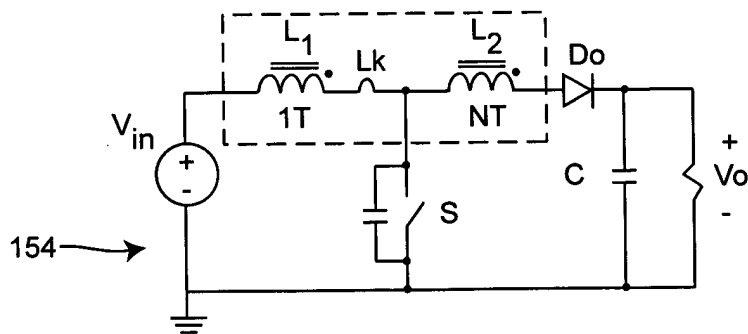


Figure 19  
(PRIOR ART)



Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems

Inventors Name: LEE, F. ET AL.

Docket No./Application No.: 09/843,143

14/22

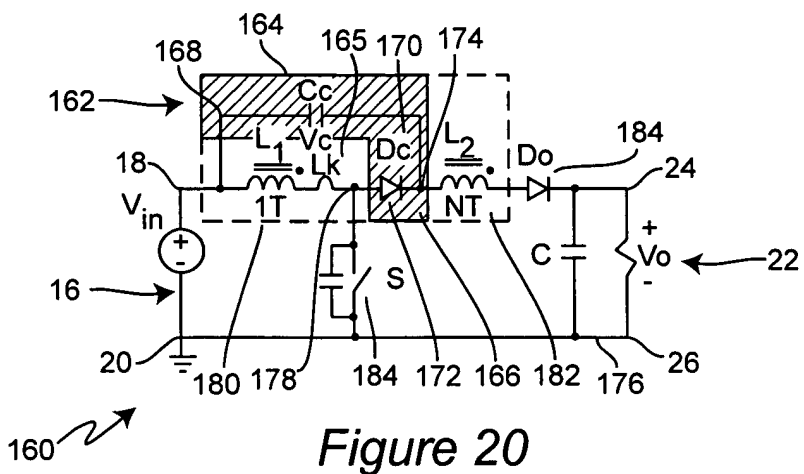


Figure 20

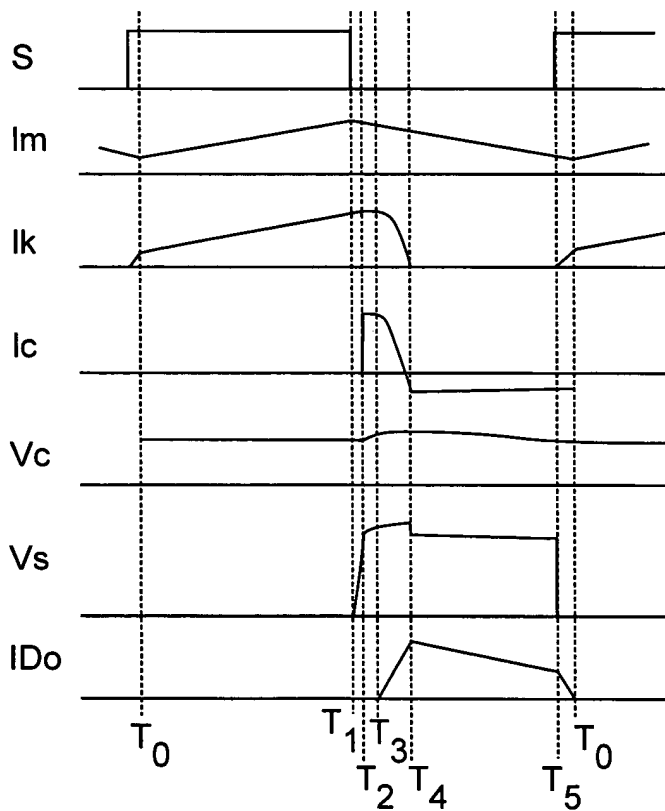


Figure 21



Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
Inventors Name: LEE, F. ET AL.  
Docket No./Application No.: 09/843,143

15/22

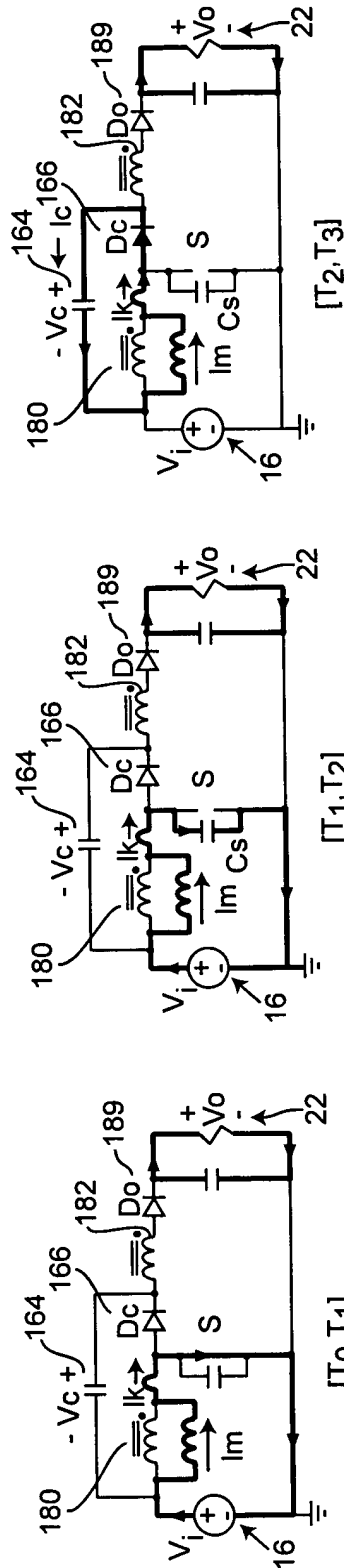


Figure 22A

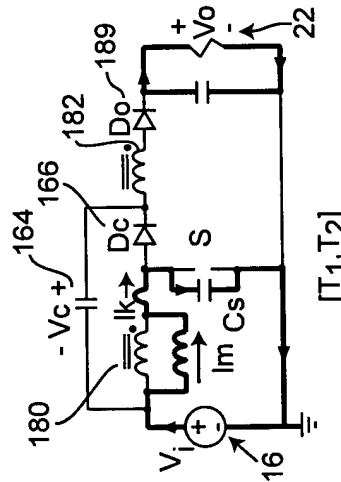


Figure 22B

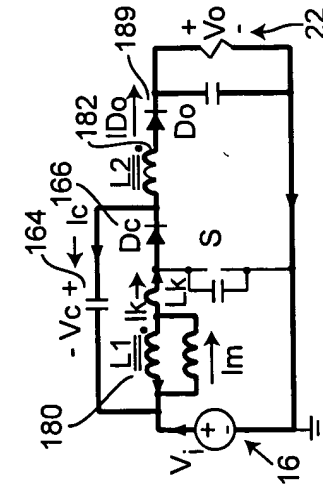


Figure 22D

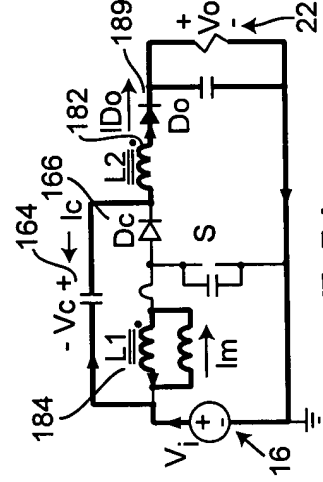


Figure 22E

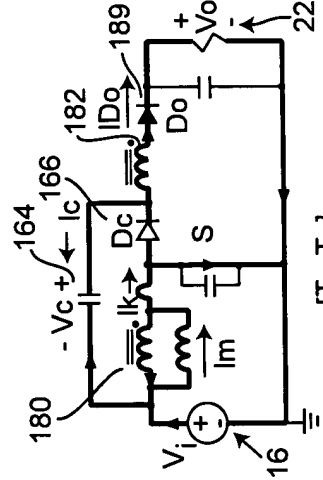


Figure 22F

Figure 22C



Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
 Inventors Name: LEE, F. ET AL.  
 Docket No./Application No.: 09/843,143

16/22

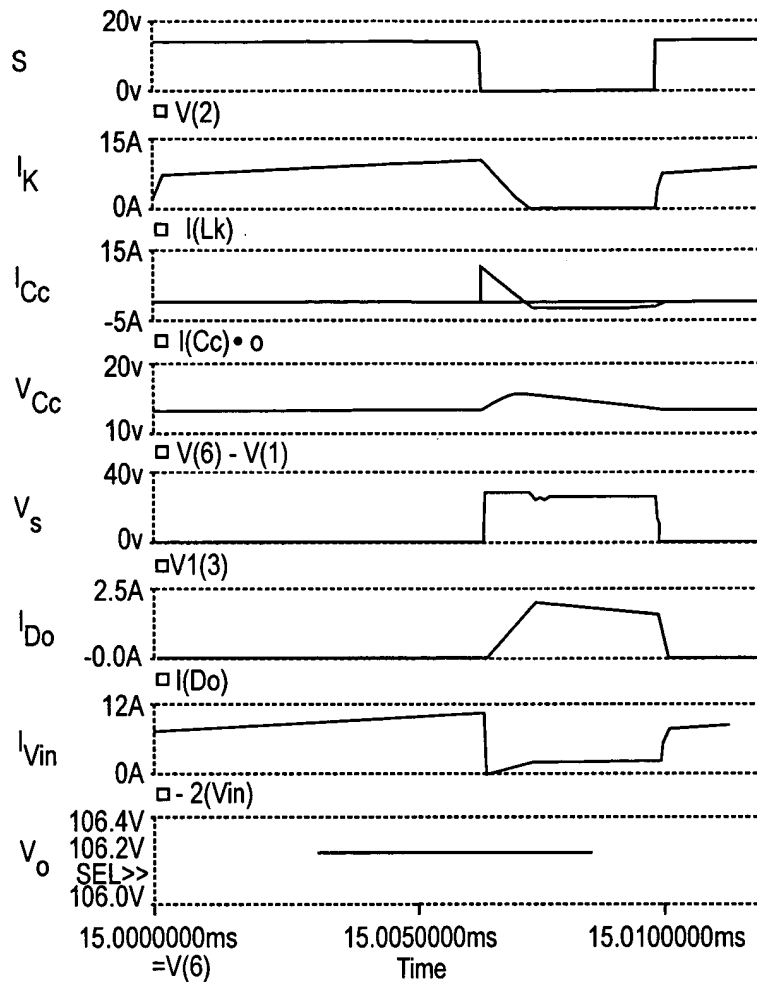
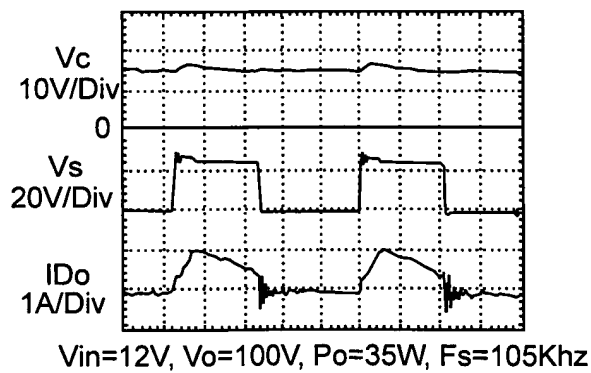


Figure 23



$V_{in}=12V$ ,  $V_o=100V$ ,  $P_o=35W$ ,  $F_s=105KHz$

Figure 24





Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
Inventors Name: LEE, F. ET AL.  
Docket No./Application No.: 09/843,143

17/22

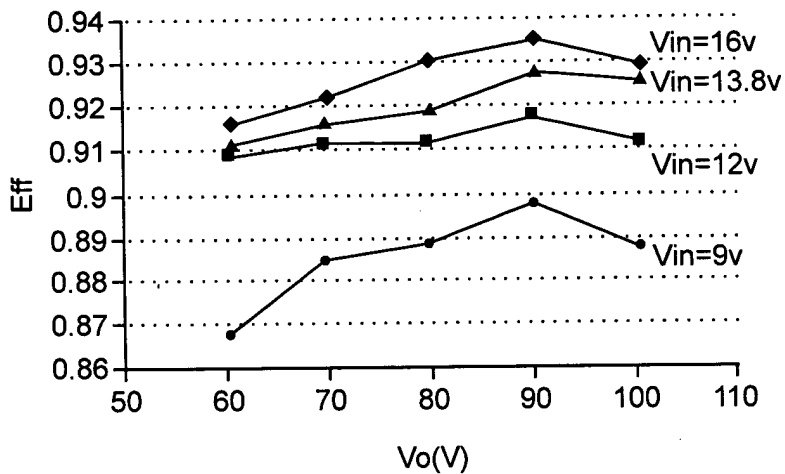


Figure 25

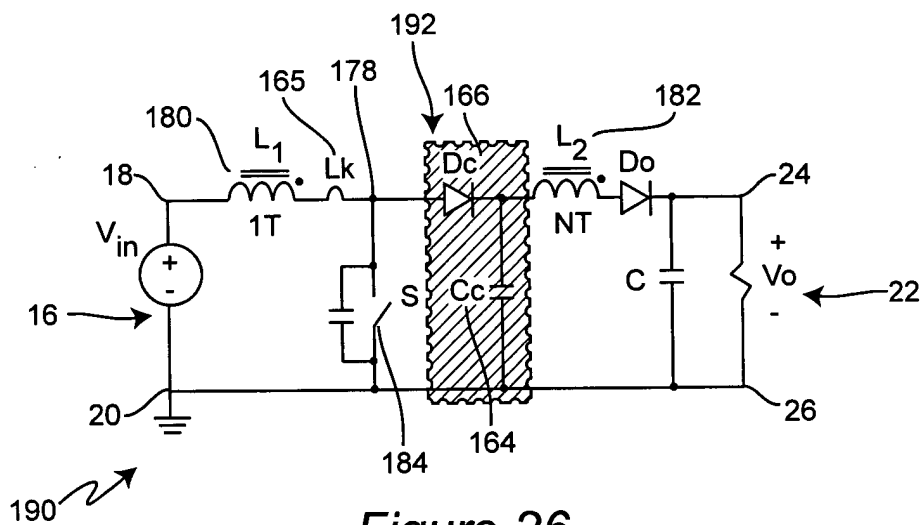
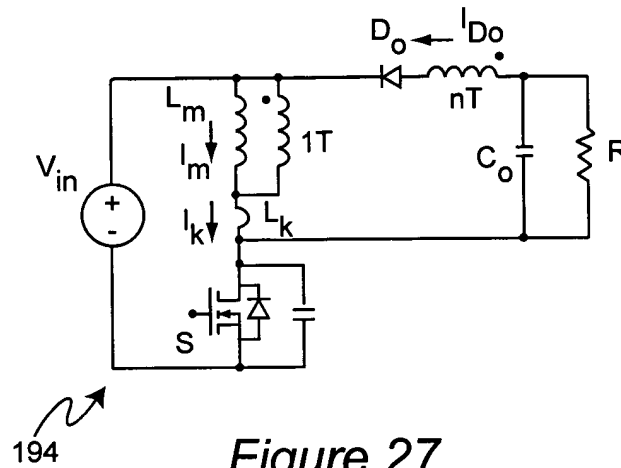


Figure 26

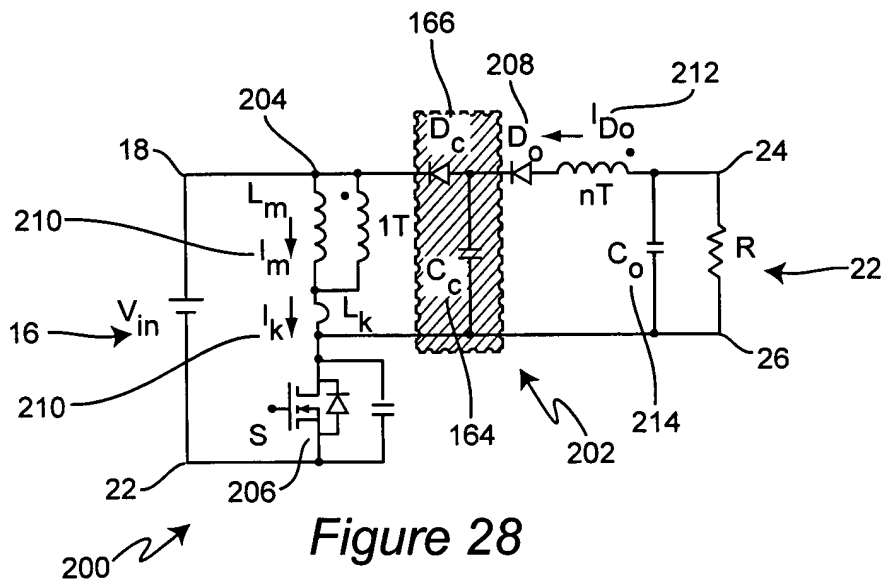


Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
 Inventors Name: LEE, F. ET AL.  
 Docket No./Application No.: 09/843,143

18/22



*Figure 27*  
*(PRIOR ART)*



*Figure 28*



Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems

Inventors Name: LEE, F. ET AL.

Docket No./Application No.: 09/843,143

19/22

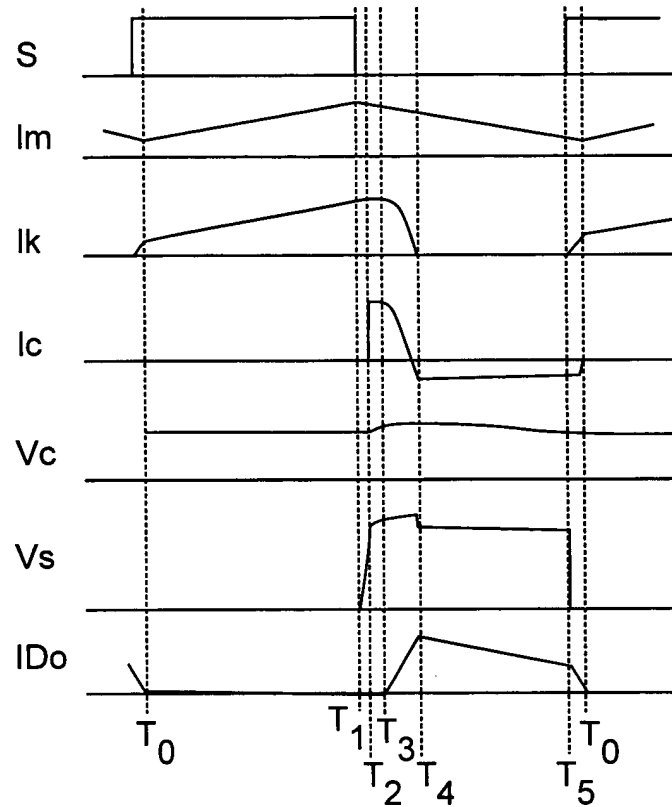
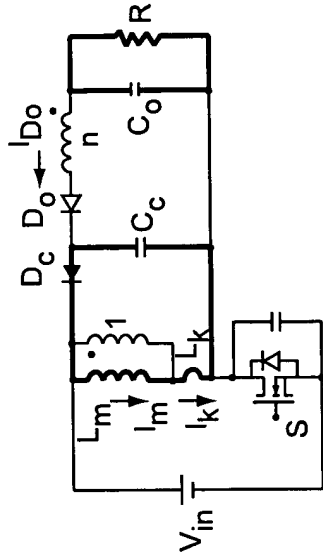


Figure 29



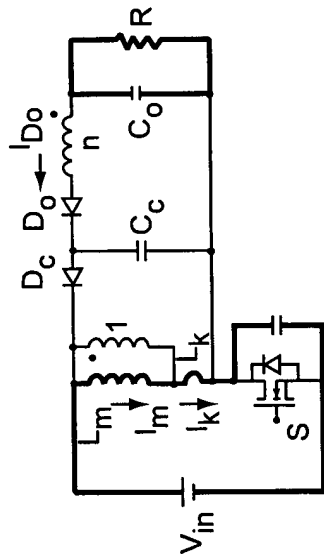
Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
Inventors Name: LEE, F. ET AL.  
Docket No./Application No.: 09/843,143

20/22



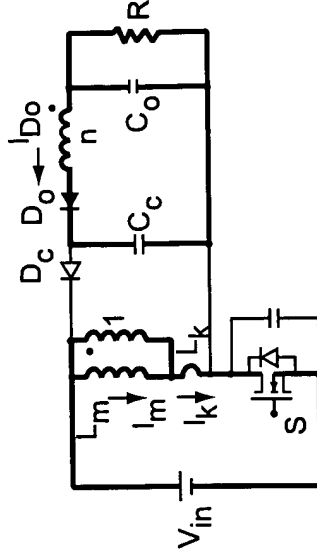
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Figure 30A



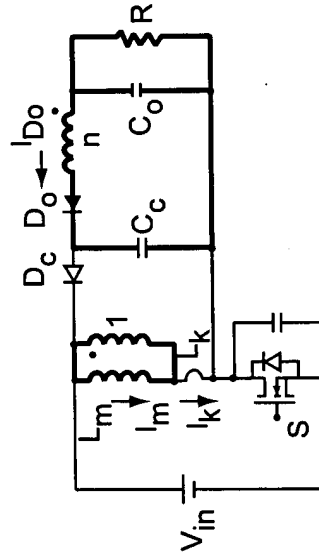
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Figure 30B



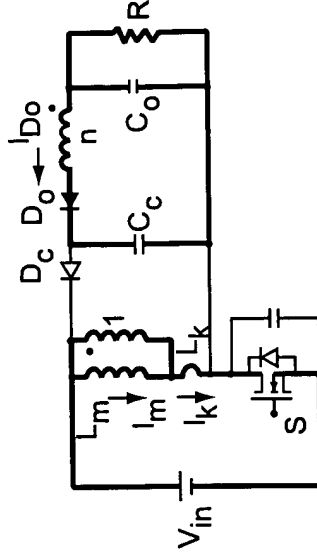
[T<sub>2</sub>,T<sub>3</sub>]

Figure 30C



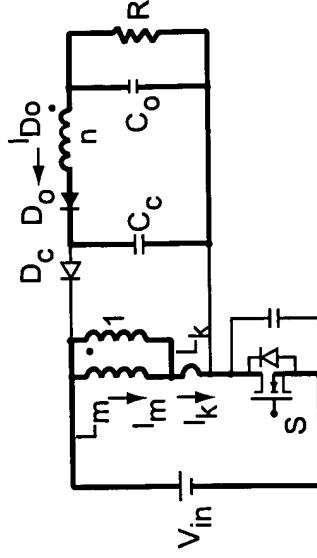
[T<sub>3</sub>,T<sub>4</sub>]

Figure 30D



[T<sub>4</sub>,T<sub>5</sub>]

Figure 30E



[T<sub>5</sub>,T<sub>0</sub>]

Figure 30F



Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
 Inventors Name: LEE, F. ET AL.  
 Docket No./Application No.: 09/843,143

21/22

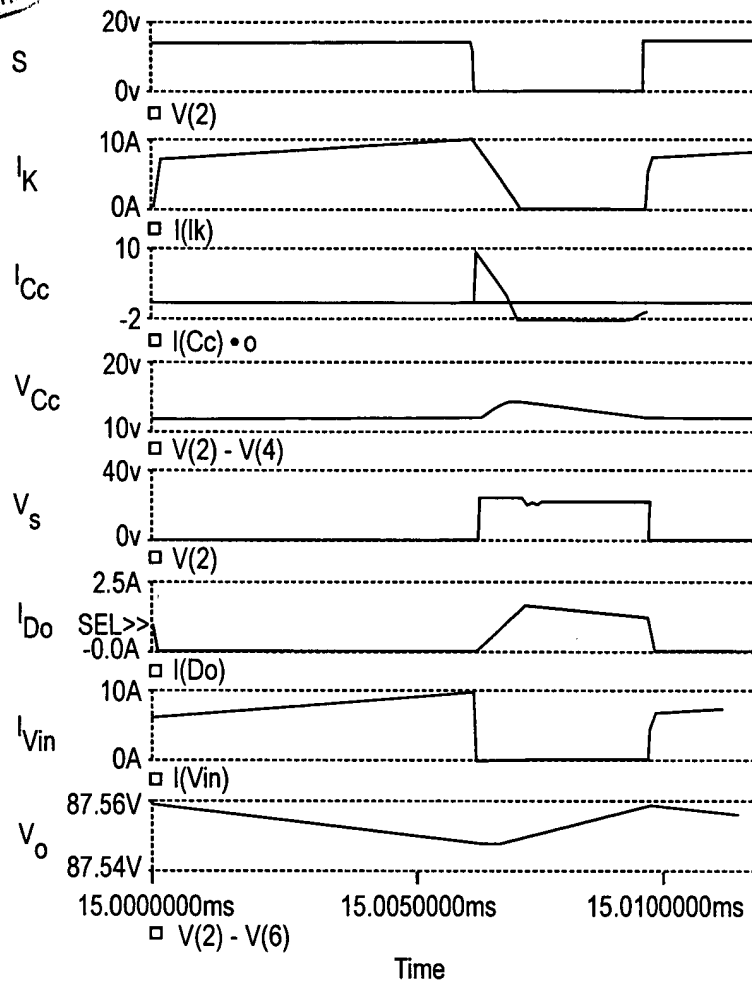


Figure 31

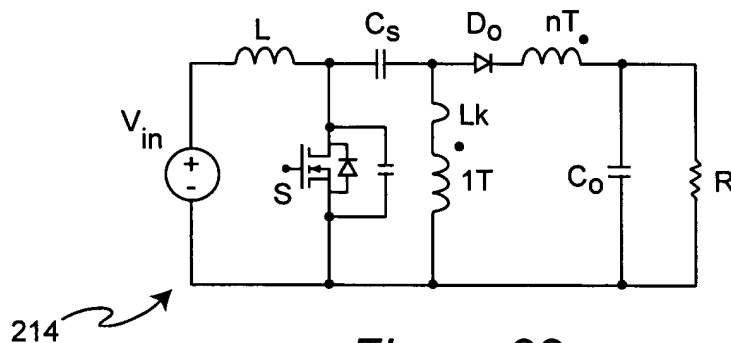


Figure 32



Title of Invention: A Simple and Effective Solution to Rectifier Recovery Problems  
 Inventors Name: LEE, F. ET AL.  
 Docket No./Application No.: 09/843,143

22/22

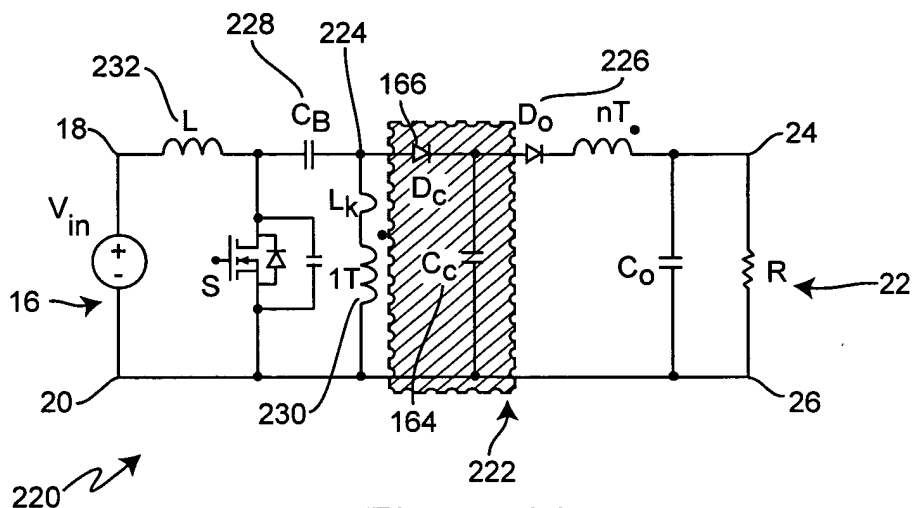


Figure 33

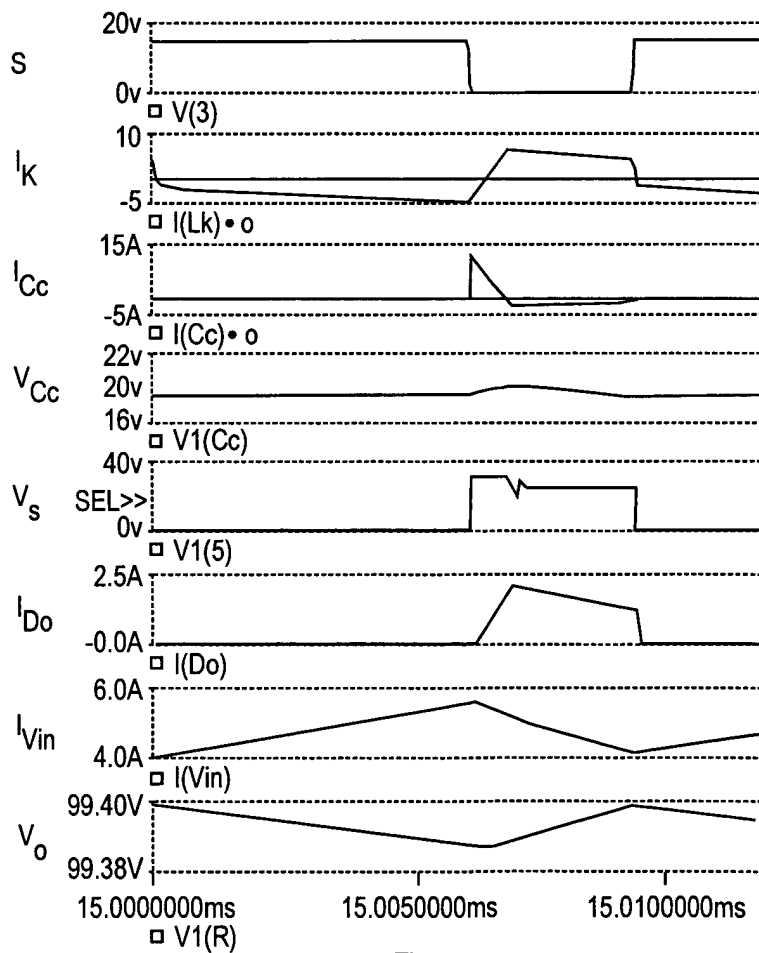


Figure 34